



Docket No. ORT-1440

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Sui-Po Zhang Confirmation No.: 7714
Serial No. : 09/870,338 Art Unit: 1636
Filed : May 30, 2001 Examiner: Nancy-T. Vogel
For : Neuroblastoma Cell Lines Expressing the
Alpha2delta Subunit of Calcium Channels and
Methods Therefor

I hereby certify that this correspondence is being deposited with the
United States Postal Service as first class mail in an envelope addressed
to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

May 17, 2005
(Date of Deposit)

Laura A. Donnelly
(Name of applicant, assignee, or Registered Representative)

/Laura A. Donnelly/
(Signature)

May 17, 2005
(Date of Signature)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This copy is supplemental to the Information Disclosure
Statement mailed on May 30, 2003, and January 24, 2002.

Pursuant to 37 C.F.R. §1.56 and in accordance with 37
C.F.R. §§1.97-1.98, information relating to the above-
identified application is hereby disclosed. Inclusion of
information in this statement is not to be construed as an
admission that this information is material as that term is
defined in 37 C.F.R. §1.56(b).

Applicant(s) reserve(s) the right to establish the
patentability of the claimed invention over any of the

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information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

☐ In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified national application (other than a continued prosecution application under §1.53(d)), within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, no additional fee is required.

☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

- ☐ Statement in Accordance with §1.97(e) (attached); or
- ☐ Please charge Deposit Account No. 10-0750/ / the fee of \$180.00 as set forth in §1.17(p).

☒ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or

an action that otherwise closes prosecution and that it is accompanied by one of:

- ☐ Statement in Accordance with §1.97(e) (attached); or
- ☒ Please charge Deposit Account No. 10-0750/ORT-1440/LAD for the fee of \$180.00 as set forth in §1.17(p).

☐ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee. Applicant(s) hereby petition(s) for consideration of this Information Disclosure Statement. Included are: Statement in Accordance with §1.97(e) as set forth below and the fee of \$180.00 as set forth in §1.17(p).

☒ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

☐ Copies of only foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR 1.98 (a)(2). (The U.S. patents and each U.S. patent application publication listed on the attached Form PTO-1449 are not enclosed because this U.S. patent application was filed after June 30, 2003 or this international application has entered the national stage under 35 USC §371 after June 30, 2003 (see USPTO waiver of requirement under 37 CFR 1.98 (a)(2)(i)).

☒ There are no listed references which are not in the English language.

☐ The relevance of those listed references which are not in the English language is as follows:

☒ Attached are copies of search report(s) from corresponding patent application(s), which are listed on the attached Submission Under MPEP 609 D.

Copies of the references listed on the search report(s) are included except for those previously cited in an IDS mailed .

☐ Attached are the following non-published pending patent applications which may be deemed relevant, which are listed on the attached Submission Under MPEP 609 D.

Please charge any deficiency or credit any overpayment to Deposit Account No. 10-0750/ORT-1440/LAD. This form is submitted in triplicate.

Respectfully submitted,

/Laura A. Donnelly/
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DATED: May 17, 2005

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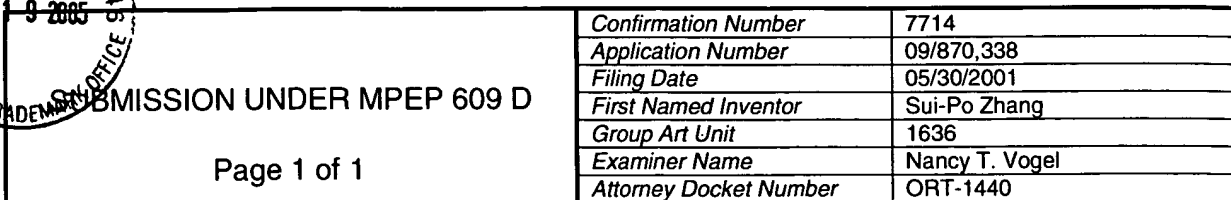
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/Laura A. Donnelly/
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DATED: May 17, 2005

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Examiner Signature	Date Considered
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Confirmation Number	7714
Application Number	09/870,338
Filing Date	05/30/2001
First Named Inventor	Sui-Po Zhang
Group Art Unit	1636
Examiner Name	Nancy T. Vogel
Attorney Docket Number	ORT-1440

U.S. PATENT DOCUMENTS

Exam Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵				
		WO	96/39512	A	Warner Lambert Co.	12-12-1996		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		TARRONI ET AL, "Anti-beta-2 subunit antisense oligonucleotides modulate the surface expression of the alpha-1 subunit of N-type omega-CTX sensitive Ca ²⁺ channels in IMR 32 human neuroblastoma cells", Biochemical and Biophysical Research Communications, Vol. 201, No. 1 (1994) pp 180-185.	
		WYATT ET AL, "The effect overexpression of auxiliary Ca ²⁺ channel subunits on native Ca ²⁺ channel currents in undifferentiated mammalian NG108-15 cells", Journal of Physiology, Vol. 510, No. 2 (July 15, 1998) pp 347-360.	
		BROWN ET AL, "Isolation of the (3H)gabapentin-binding protein/alpha2delta Ca ²⁺ channel subunit from porcine brain: Development of a radioligand binding assay for alpha2delta subunits using (3H) leucine", Analytical Biochemistry, Vol. 255, No. 2 (January 15, 1998) pp. 236-243.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450